

Imaging Scanner

# RICOH fi-800R

Scanner

**RICOH**  
imagine. change.





The fi-800R combines passport, ID and document scanning to transform front desk operations. With automated data capture and a compact footprint that fits anywhere, you can deliver a seamless experience for customers.

### Deliver an uninterrupted customer experience

Whether at a bank, hotel, hospital or hire service counter, that first interaction at front of house can be all-important for customer satisfaction. Scanning ID and paper documents separately slows this process down, creates more work for staff and impacts customer experience.

Now, one device can transform front desk operations for everybody. The versatile fi-800R scans and extracts data from passports (including Machine Readable Zones), ID and A4 documents without the need for additional accessories. Advanced dual path scanning technology improves customer service while reducing equipment expenditure.

Its innovative compact design is ideal for the front desk, saving space while allowing staff to stay in one place – so ID and documents never leave the customers' sight.

As you'd expect from Ricoh, the fi-800R also offers fuss-free dependability. An Automatic Document Feeder with Active Separation technology makes input smoother than ever, while Automatic Skew Correction eliminates feed errors. Our smart PaperStream software optimises images for downstream processes, as well as extracting information to enrich customer profiles. And with a 40ppm/80ipm scan speed, customers can get on with their day in record time.

All of this combines to create a seamless experience, where customer service meets customer satisfaction.

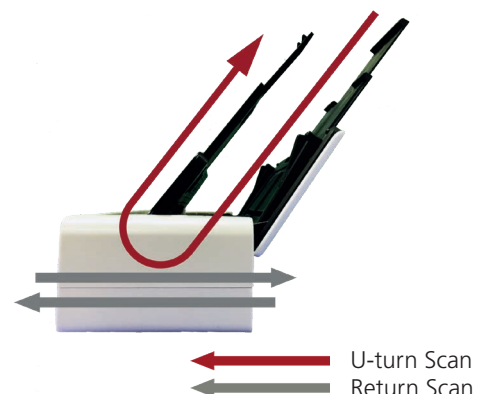
### Provide exceptional customer service, effortlessly.

#### Dual path capability

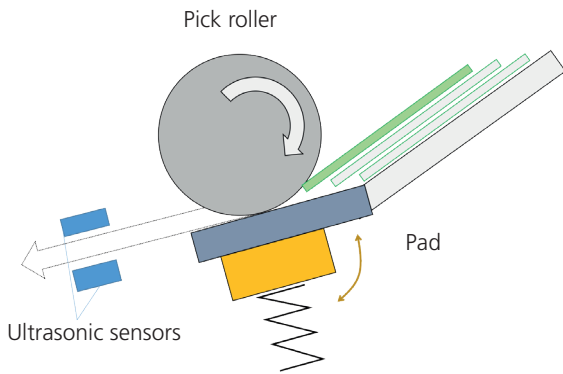
Our state-of-the-art dual path mechanism enables staff to complete all of their tasks in one place. The two scanning paths process thicker items such as ID cards and passports (including the Machine Readable Zone) alongside A4 documents, on the same machine. As well as the obvious benefits of saved time and effort, it means documents stay in sight of the customer – supporting GDPR compliance and giving customers peace of mind.

#### Space-saving design

Taking up half the space of alternative solutions, the fi-800R is perfect for the front desk, or any other place where space is tight. The innovative U-turn path mechanism with Automatic Stacking Technology ejects papers back up through the scanner, removing the need for a front output tray and drastically reducing the machine's footprint. Because of this, the fi-800R can be used in spaces half the size of an A4 sheet.



### Active separation:



### No-fuss ID and passport scanning

Scanning identification documents is now faster and easier with the fi-800R's convenient Return Scan functionality. ID cards up to 5mm in thickness and passports are both inserted and ejected at the front of the machine – without the need for carrier sheets or paper path switching.

### Hassle-free operation

The fi-800R's reliable paper feeding mechanisms help you avoid unnecessary interruptions for customers. Automatic Skew Correction straightens each document before scanning to prevent paper jams or images with missing edges. Newly developed Active Separation technology offers much more precise paper separation, adjusting the pressure applied to each sheet depending on its thickness. Both of these features reduce time-consuming rescans and document damage to provide a more professional experience for customers.

### Impressive speed

Nobody likes to be kept waiting in a queue, especially if they're arriving for something important like a business trip or hospital stay. The fi-800R's impressive 40 page/80 image per minute scan speed guarantees a smoother experience for customers. And the 20-sheet Automatic Document Feeder also removes the need to manually input one page after another, further boosting staff productivity.

### Robust build

As the world's leading scanner manufacturer, Ricoh builds trusted products that allow you to focus on your business, not your technology. With the fi-800R, we've used all of our 50-plus years of experience and our expertise in craftsmanship to design a product that's as reliable as it is innovative.

### Industry-leading image quality

Our free bundled driver software, PaperStream IP, has been developed to enhance and optimise the quality of scanned images. It removes stains, imprints and watermarks to deliver crystal-clear readability. This plays an essential role in aiding onward processes such as OCR (Optical Character Recognition). Text can also be inverted to white characters on a black background to vastly improve legibility.

### Software automation

PaperStream Capture workflow software (also bundled free) uses patch and barcodes to automatically name, sort and distribute scanned documents, as well as extract information for indexing and other post-scan processes. Captured data (such as from passport Machine Readable Zones) can be automatically fed into your existing systems and workflows, helping you to enrich customer profiles quickly and easily.

Thanks to Automatic Profile Selection, staff no longer have to waste time sorting documents by format for scanning. PaperStream Capture will automatically recognise different document types and apply the right scanning profile, even when processing a variety of formats in a single batch.



## RICOH best-in-class scanner driver and document capturing software



### Scanner driver for high-quality image enhancement

- TWAIN and ISIS compliant scanner driver
- Industry leading integrated image enhancement capability
- Patch code and barcode recognition
- Pre-defined and custom scanning profiles for routine tasks
- Supports the user when needed with visual guidance through "Assisted Scan"
- Auto cropping, auto deskew, auto colour detecting, auto blank page detection and deletion



### Efficient, high-quality front-end capture solution

- One-stop batch scanning application that simplifies and accelerates the routine task of document capture through its 'One Click Capture' concept
- High-speed, high volume scanning with real-time image display, bar code detection and indexing
- PaperStream IP is an integral part of PaperStream Capture and ensures high-quality images
- Scan-verify-index-release in a single, streamlined routine that every user can easily perform
- Supports ad hoc scanning requirements for exception handling through "Assisted Scan" and, where required, instantly changing settings

## Specifications

For full specifications : [www.pfu-emea.ricoh.com](http://www.pfu-emea.ricoh.com)

Model	fi-800R	
Supported operating systems	See <a href="http://www.pfu-emea.ricoh.com">http://www.pfu-emea.ricoh.com</a> for further information	
Scanner type	Automatic Document Feeder (ADF) / Single Feed (Return Scan), Duplex Workgroup Scanner	
Scanning modes	Simplex / Duplex, Colour / Greyscale / Monochrome / Automatic Detection (Colour / Greyscale / Monochrome)	
Image sensor type	Contact Image Sensor (CIS) x2 (Front x1, Back x1)	
Light source	3 Colour (RGB) LED (Front x1, Back x1)	
Document size (ADF)	Standard Sizes	A4, A5, A6, A7, A8, B5, B6, B7, B8, Post Card, Letter, Legal and Custom Sizes. A3 size supported via optional Carrier Sheet (folded A3 with Image Stitching Function). Maximum: A4 Portrait 210 x 297 mm / Minimum: 50.8 x 50.8 mm.
	Long Paper Scanning <sup>11</sup>	5,588 mm
Recommended paper weight/thickness	ADF	A4 size: 40 to 127 g/m <sup>2</sup> / A6 size or smaller: 40 to 209 g/m <sup>2</sup> / A8 size or smaller: 127 to 209 g/m <sup>2</sup>
	Return Scan Path	20-413 g/m <sup>2</sup> / ID card types: 1.4mm thickness or less / Passport thickness: 5mm or less
Expected Daily Volume <sup>2</sup>	4,500 sheets	
Scanning speed (A4 Portrait ADF) <sup>3</sup> Colour <sup>4</sup> / Greyscale <sup>4</sup> / Mono <sup>5</sup>	Simplex: 40 ppm, Duplex: 80 ipm (200, 300 dpi)	
Scanning speed (A4 Portrait Return Scan) <sup>3</sup> Colour <sup>4</sup> / Greyscale <sup>4</sup> / Mono <sup>5</sup>	Simplex / Duplex: 3.5 Seconds per sheet (200, 300 dpi)	
ADF capacity <sup>6</sup>	20 sheets (A4: 80 g/m <sup>2</sup> ) / 30 sheets (A4: 52 g/m <sup>2</sup> )	
Optical resolution	600 dpi	
Output resolution <sup>7</sup> Colour / Greyscale / Mono	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver) <sup>18</sup>	
Output format	Colour: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	
Interface / Connector shape	USB 3.2 Gen 1 / USB 3.0 / USB 2.0 / USB 1.1 (Type B / Type B SuperSpeed Connector)	
Image processing functions	Multi Image Output (B&W, Grey, Colour), Automatic Colour detection, Automatic Binarization, Automatic Profile Selection, Automatic Tone Adjustment, Vertical Streak Reduction, Automatic Cropping, Automatic Deskew, Automatic Rotation, Blank Page Detection & Deletion, Image Cleanup, Edge Fill, Vertical Streak Reduction, Split Image, Scan Folded Document (Carrier Sheet), Front back merging, Barcode/Patchcode Recognition, Switch by Code Sheet (Toggle Scan), Digital Endorser, Continuous Scan, Image Preview, Assisted Scan, Static threshold, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout Colour, sRGB output, Index tab cropping, Character extraction, Background pattern removal, Overscan (6.5 mm), Colour by Length.	
Power requirements	AC 100 to 240 V, ±10%	
Power consumption	Operating: 19W or less (Sleep mode: 1.7W or less) Auto standby (OFF) mode: 0.15W or less	
Operating environment	Temperature: 5 to 35°C, Relative humidity: 20 to 80% (Non-condensing)	
Dimensions (H x W x D) / Weight	ADF Closed: 296 x 105 x 83 mm / ADF Open: 296 x 246 x 242 mm / 2 kg	
Included software / drivers	PaperStream IP Driver (TWAIN & ISIS™), WIA Driver®, PaperStream Capture, Software Operation Panel, Error Recovery Guide, Scanner Central Admin, ABBYY FineReader for ScanSnap™	
Environmental compliance	ENERGY STAR® / RoHS <sup>19</sup>	
Standard Warranty (included in the price of the product)	1 Year Standard Warranty: Advance Exchange - Next Business Day.	

<sup>11</sup> The fi-800R is capable of scanning documents that exceed A3 in length: Documents under 863 mm in length are limited to 1200 dpi or less. Documents between 863 mm and 2,700 mm in length are limited to 600 dpi or less. Documents between 2,700 mm and 4,064 mm in length are limited to 400 dpi or less. Documents between 4,064 mm and 5,461 mm in length are limited to 300 dpi or less. Documents between 5,461 mm and 5,588 mm in length are limited to 200 dpi or less. Limitations may apply to the length of documents that can be scanned when scanning at resolutions above 600 dpi, depending on specification of the host PC.

<sup>2</sup> Numbers are calculated using scanning speeds and typical hours of scanner use, they are not intended to guarantee daily volume or product durability.

<sup>3</sup> Actual scanning speeds may be affected by the specification of the host PC and its performance when running the capture software.

<sup>4</sup> JPEG compressed figures.

<sup>5</sup> TIFF G4 compressed figures.

<sup>6</sup> Maximum capacity may be higher if used with less than 80 g/m<sup>2</sup> paper or lower if used with more than 80 g/m<sup>2</sup> paper.

<sup>7</sup> When scanning at high resolutions (500 dpi or higher), scanning may be rejected depending on scanning mode, document size, memory size and application. Selectable maximum density may vary depending on the length of the scanned document.

<sup>18</sup> Features and functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver.

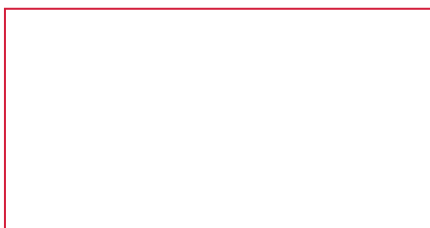
<sup>19</sup> PFU LIMITED, a RICOH company, has determined that this product meets RoHS requirements (2011/65/EU)

<sup>20</sup> Geographic Limitations may apply to Service Plans and Service Levels in some countries. Please contact us for more information.

Optional Service Plans <sup>10</sup>	Order by Part Number	Service Description
Extended Warranty	U3-EXTW-WKG	3 Year Extended Warranty: Advance Exchange - Next Business Day
Bronze Service Plan	U3-BRZE-WKG	3 Year Service Plan: Onsite Service - 8 Hour Response + 8 Hour Fix

Advance Exchange = Replacement of the faulty scanner with a new or as new unit.  
Onsite Service = A visit by a technician with a spare parts kit to repair the product at your premises.

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